

23026 U.S. PTO  
020904

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Ae Kwon YOO, Woo Seok CHIN, Jae Wook KWON, Dae Gil LEE  
Title: REINFORCING ELEMENT OF UNDERGROUND PIPE, AND  
TRENCHLESS REPAIRING AND REINFORCING METHOD USING  
THE SAME

Attorney Docket No.: 1768-51-3

19270 U.S. PTO  
10774753  
020904

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Signature

MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Sir:

Transmitted herewith for filing is the above-referenced patent application.

- I. This is a continuation utility patent application.
- II. Benefit of co-pending Korean Application number 2001-47684 filed on 8 August 2001, is being claimed under 35 USC 119(a)-(d).
- III. Benefit of co-pending International Application number PCT/KR02/01995, published in English, filed on 21 November 2001 designating the United States (35 USC § 363), which claims priority to Korean Application number 2001-47684 filed on 8 August 2001, is being claimed under 35 USC 120.

IV. Certified copy of Korean Patent Application Nos. 2001-47684 will follow.

V. The following papers are enclosed which are required for obtaining a filing date under 37 CFR 1.53(b) OR 1.153:

12 pages of specification  
2 pages of claims  
1 page of abstract  
7 sheets of drawings (Figs. 1-15)

VI. The following papers are enclosed in addition to those identified above:

International Publication WO 03/014485 A1 (Front Page)  
International Search Report  
Information Disclosure Statement PTO FORM-1449  
Return Postcard for acknowledgement of this application and its contents

VII. A Declaration of Inventorship executed by the inventor will follow.

VIII. The inventorship for the claims in this application is as follows: all claims are attributable to the named inventors.

IX. The language of the application is English.

X. The co-pending PCT international application identified in Section III above was published in English so no translation is required.

XI. Fee Calculation:

	Number Filed	Number Extra		Basic Fee \$770/\$385
Claims				
Total	8 - 20=	0	x\$18/\$ 9=	\$-0-
Indep.	2 - 3=	0	x\$86/\$43=	\$-0-
Multi Dep.	0	xxx	\$290/\$145=	\$-0-

Total Filing Fee: \$385.00

XII. Applicant claims Small Entity Status.

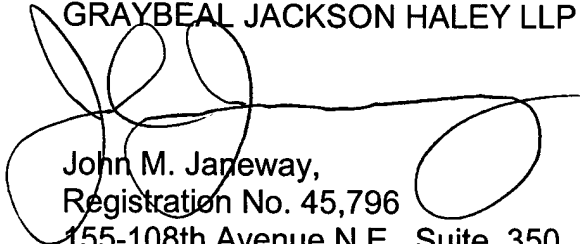
XIII. The filing fee is not enclosed at this time.

XIV. An Assignment to Korea Advanced Institute of Science and Technology (KR) and Ae Kwon YOO will follow.

XV. Please send all notices and correspondence to Bryan A. Santarelli, Registration number 37,560 (Customer Number 000996), as identified in the Declaration and Power of Attorney to follow.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP



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